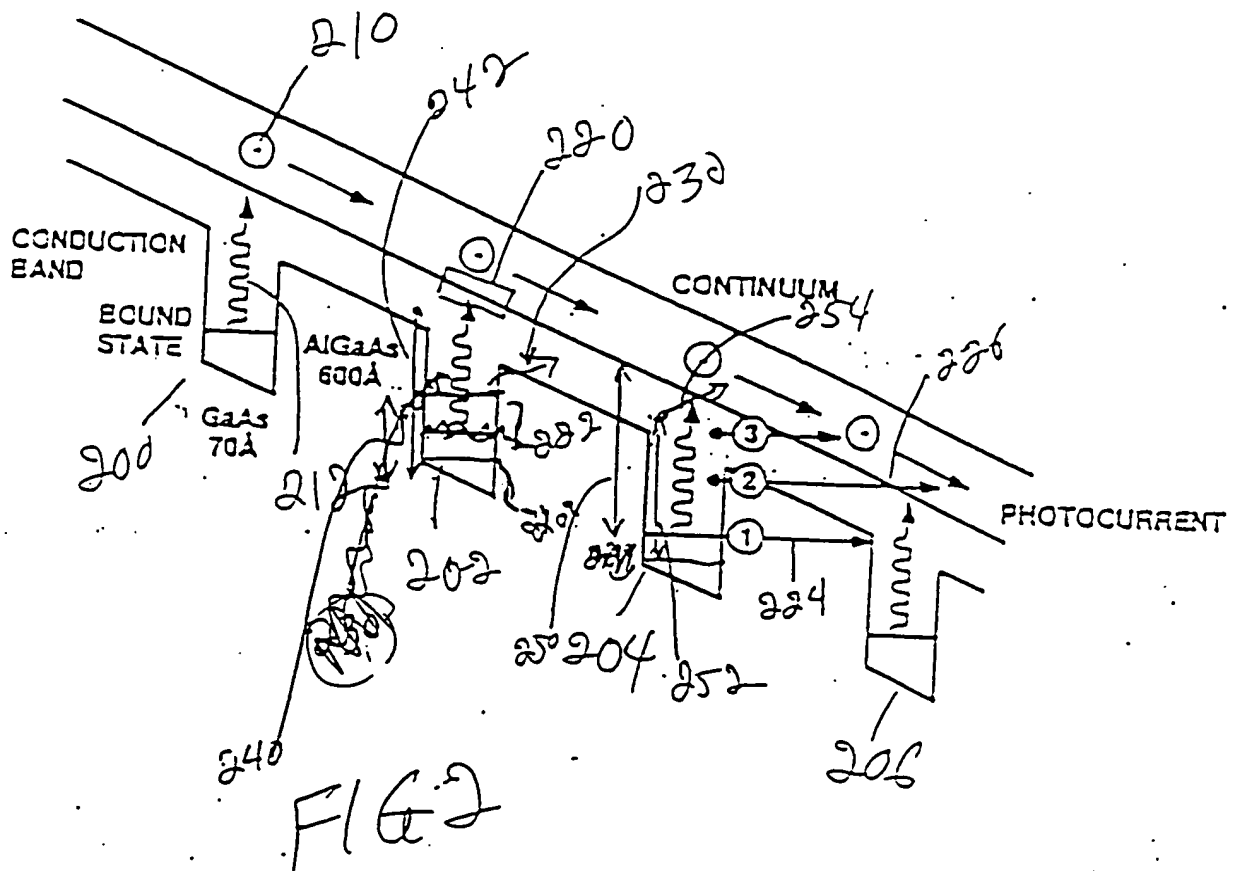


FIG 1

60050-1-10000

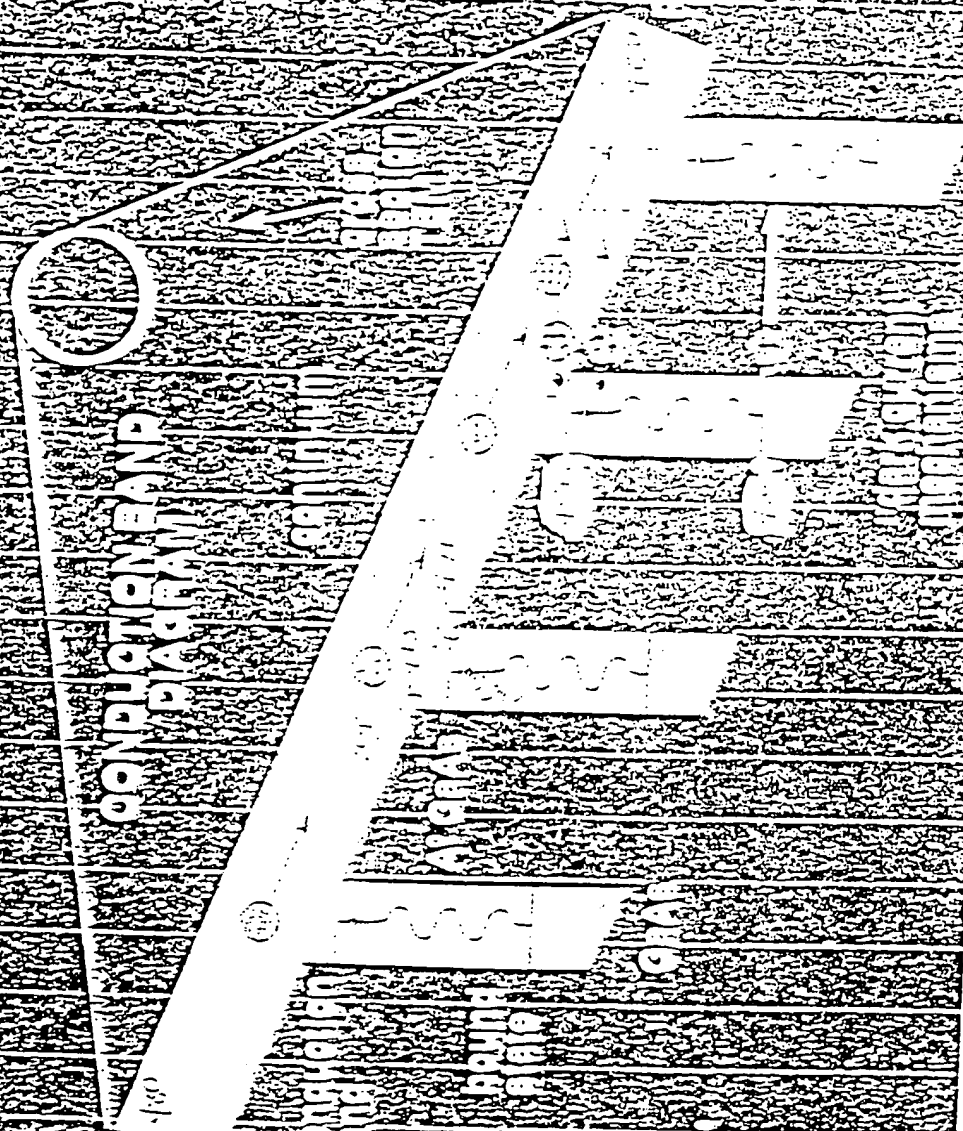
607030-1230260



6010507250200

101

Bound to Charge Bound CWP



position

66000-TE0000

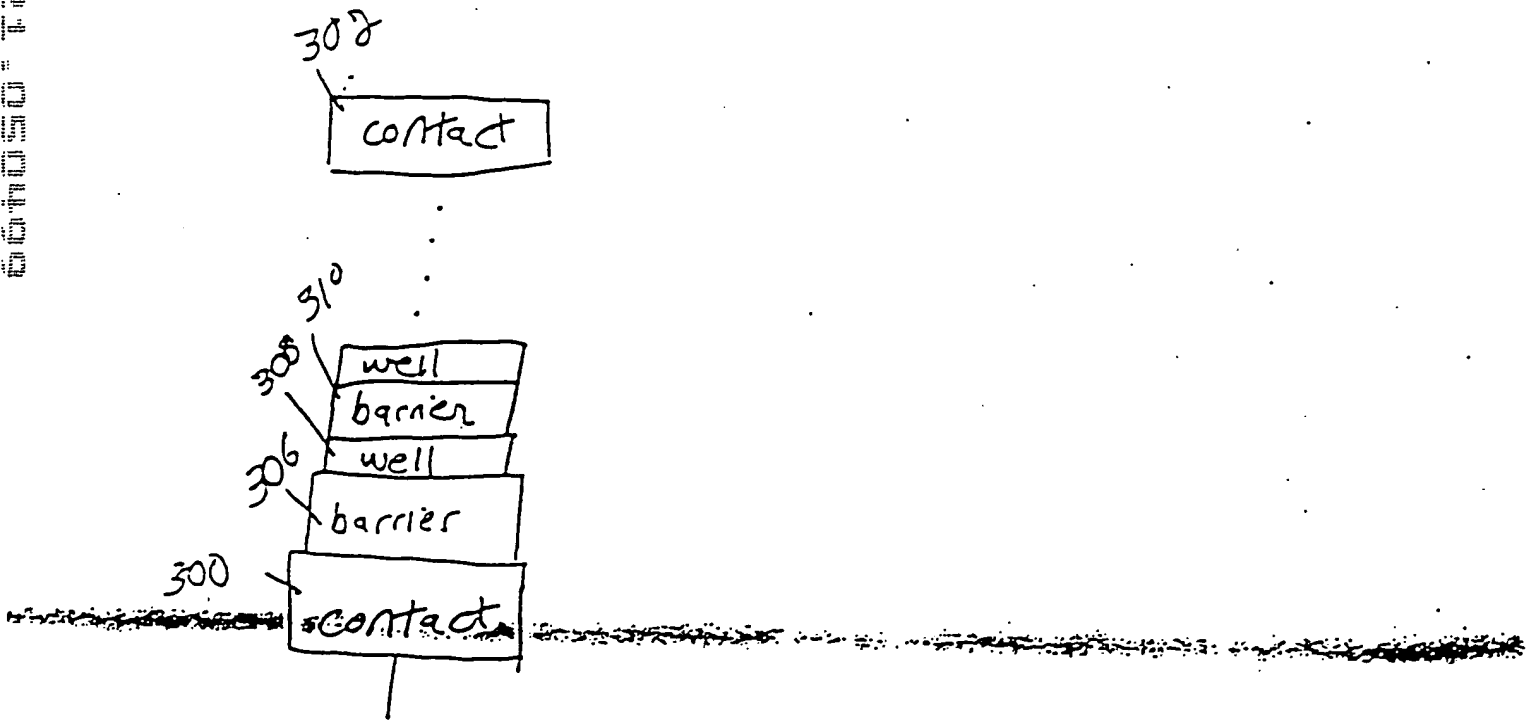
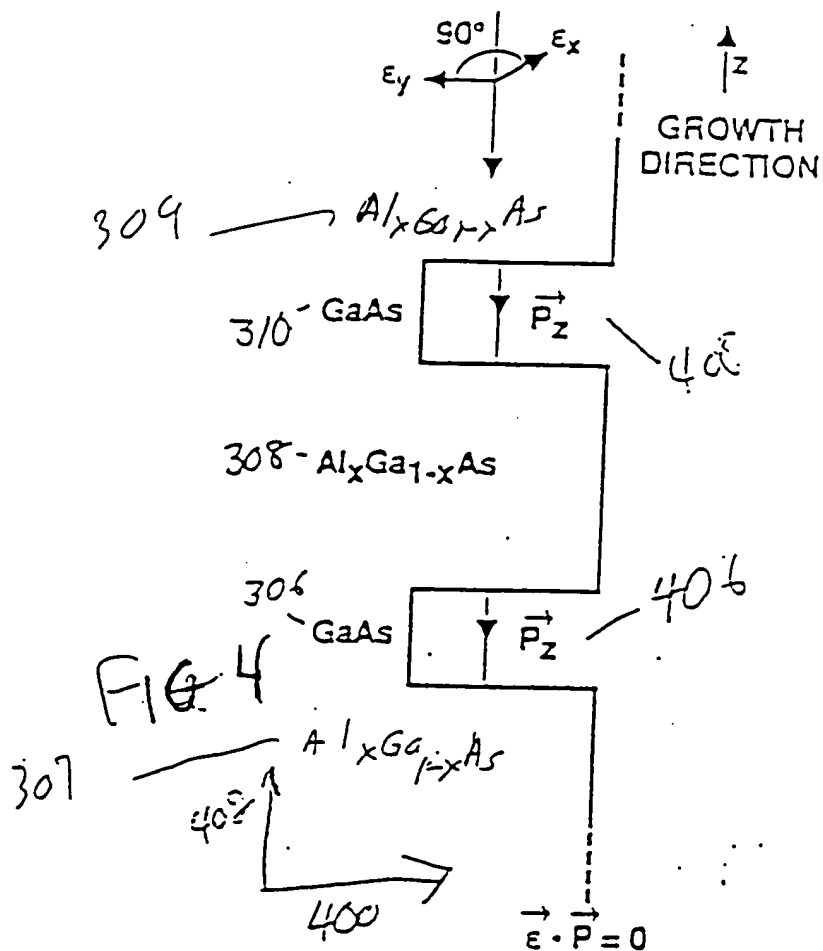


FIG 3B

(a)

IR
RADIATION



664050-1E30E60

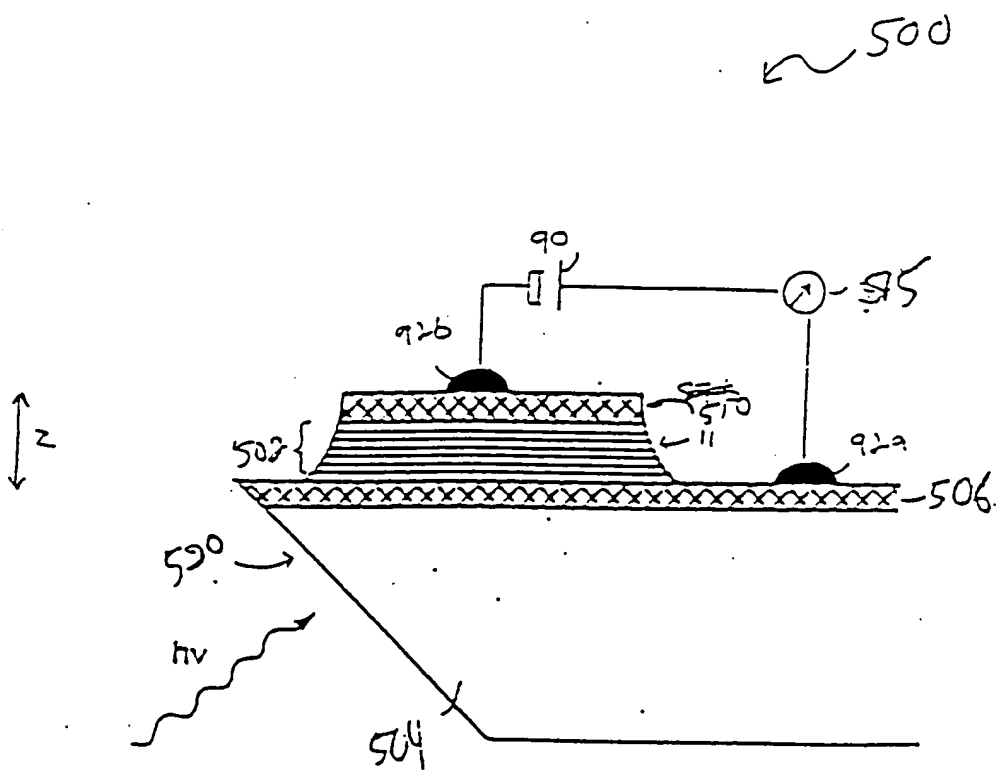
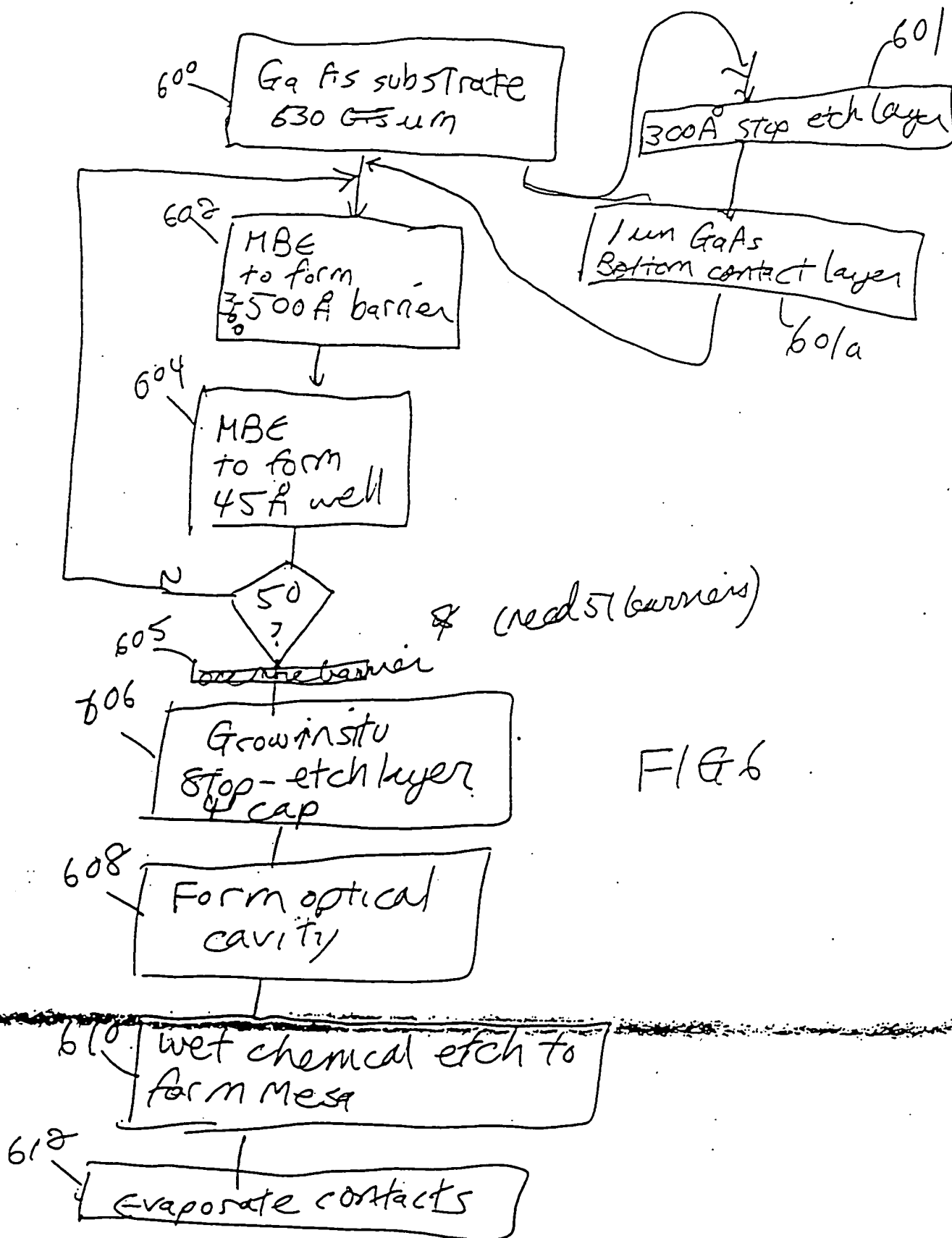


FIG 5

[illegible]

A

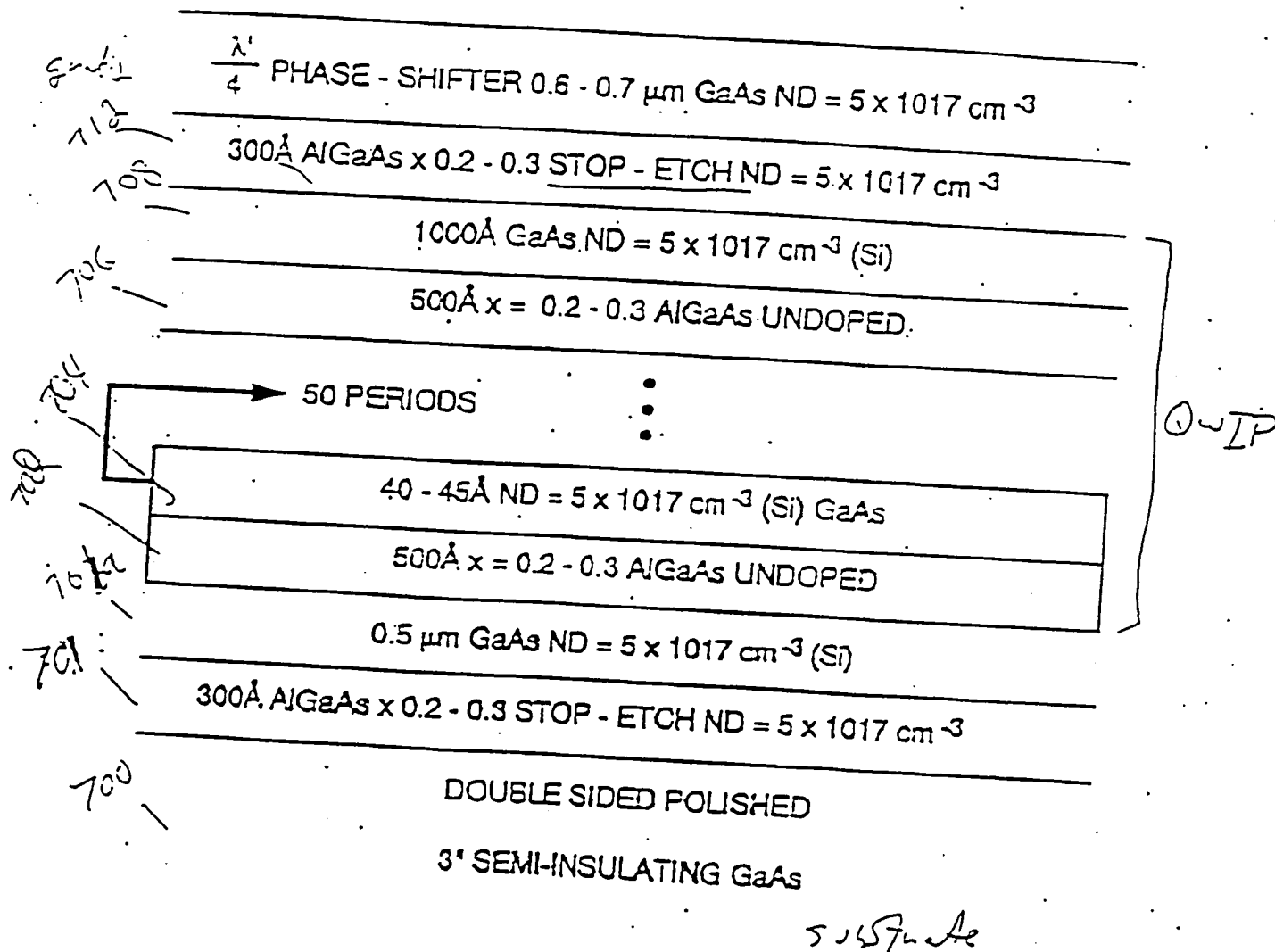


FIG 7

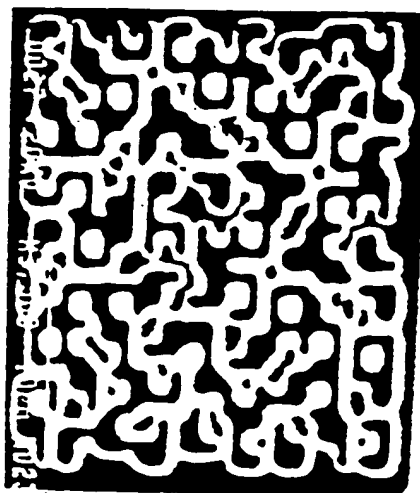
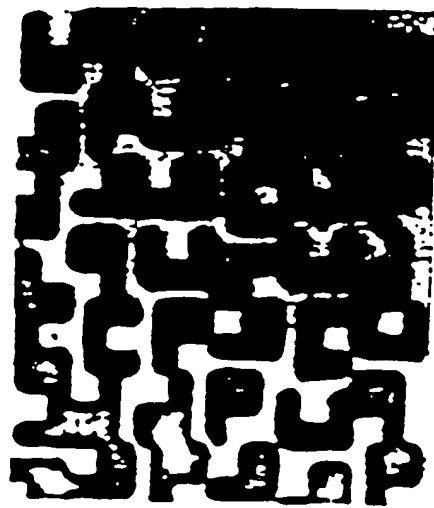
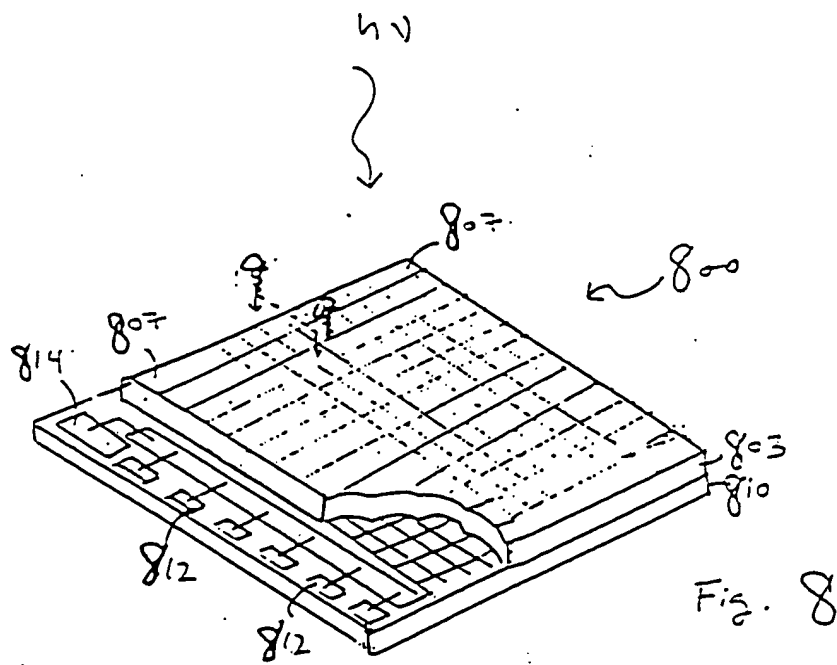


Fig 7A

00205121-050400

66050-TETSEE60



28 44

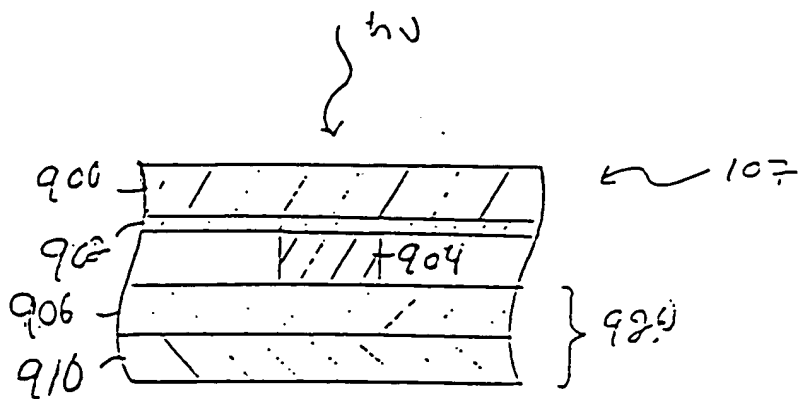
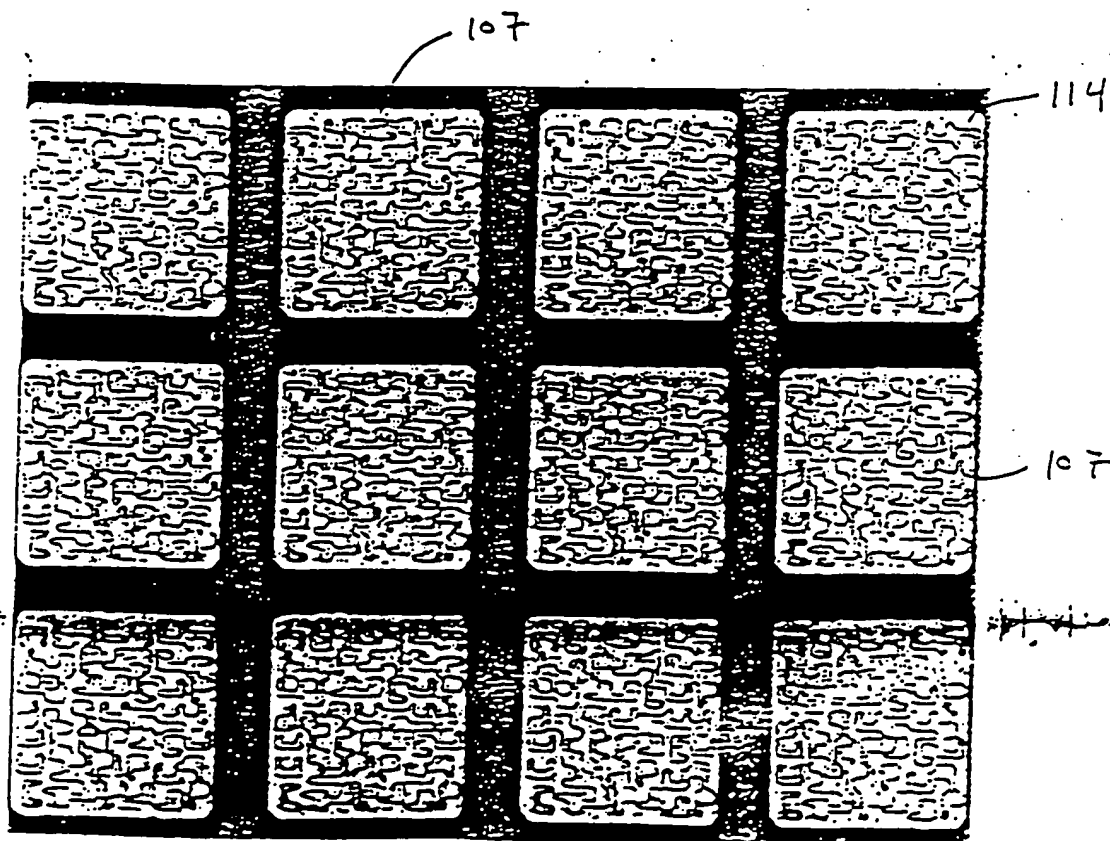


Fig. 9.



2-D GRATING OPTIMIZATION

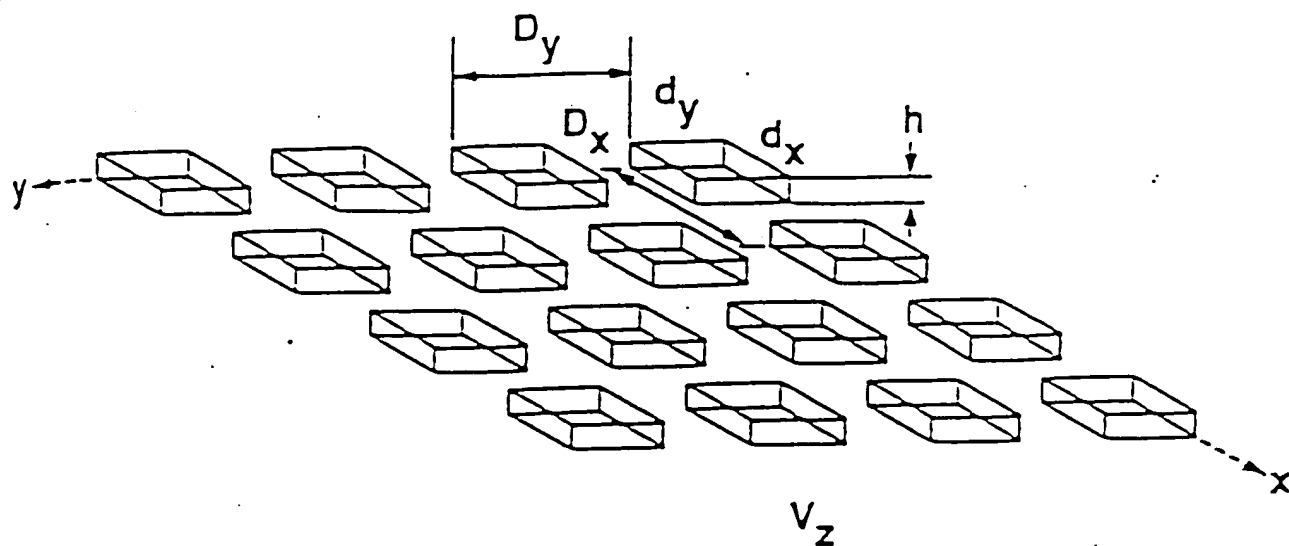


FIG 10A

Quantum Efficiency

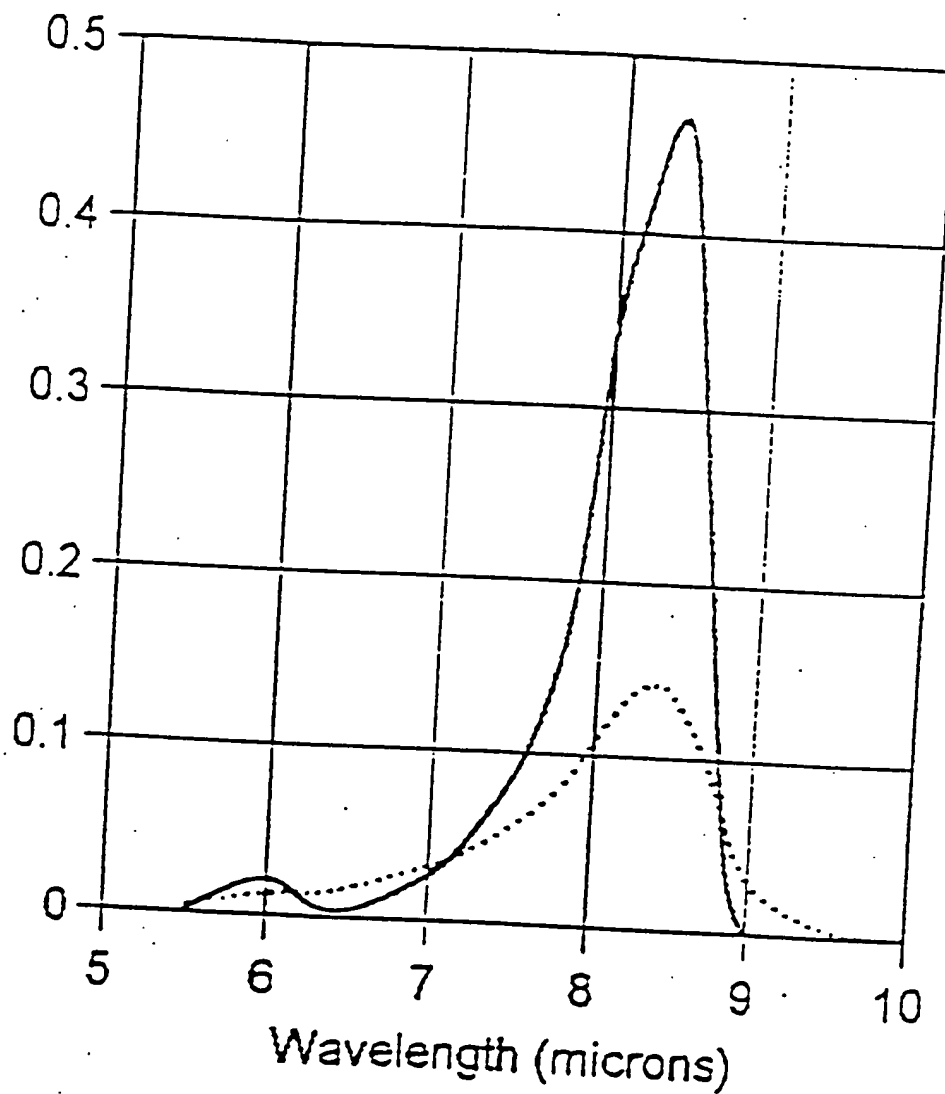
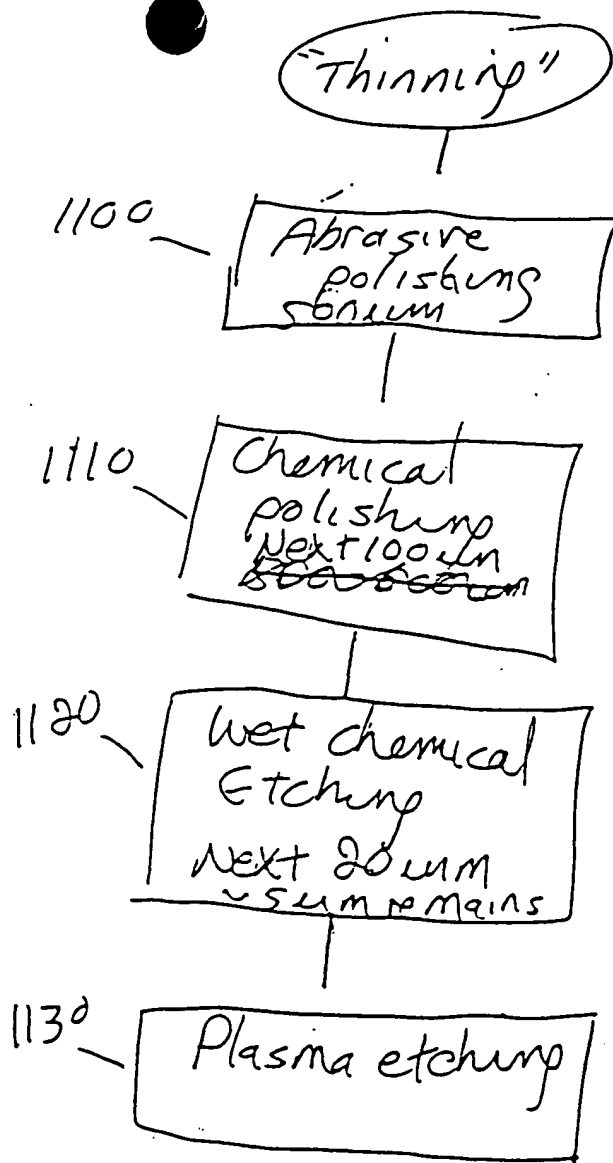


FIG 10B



66050-TEF5060

FIG 11

1214



WMIR
QWIP
1200



LWIR
QWIP

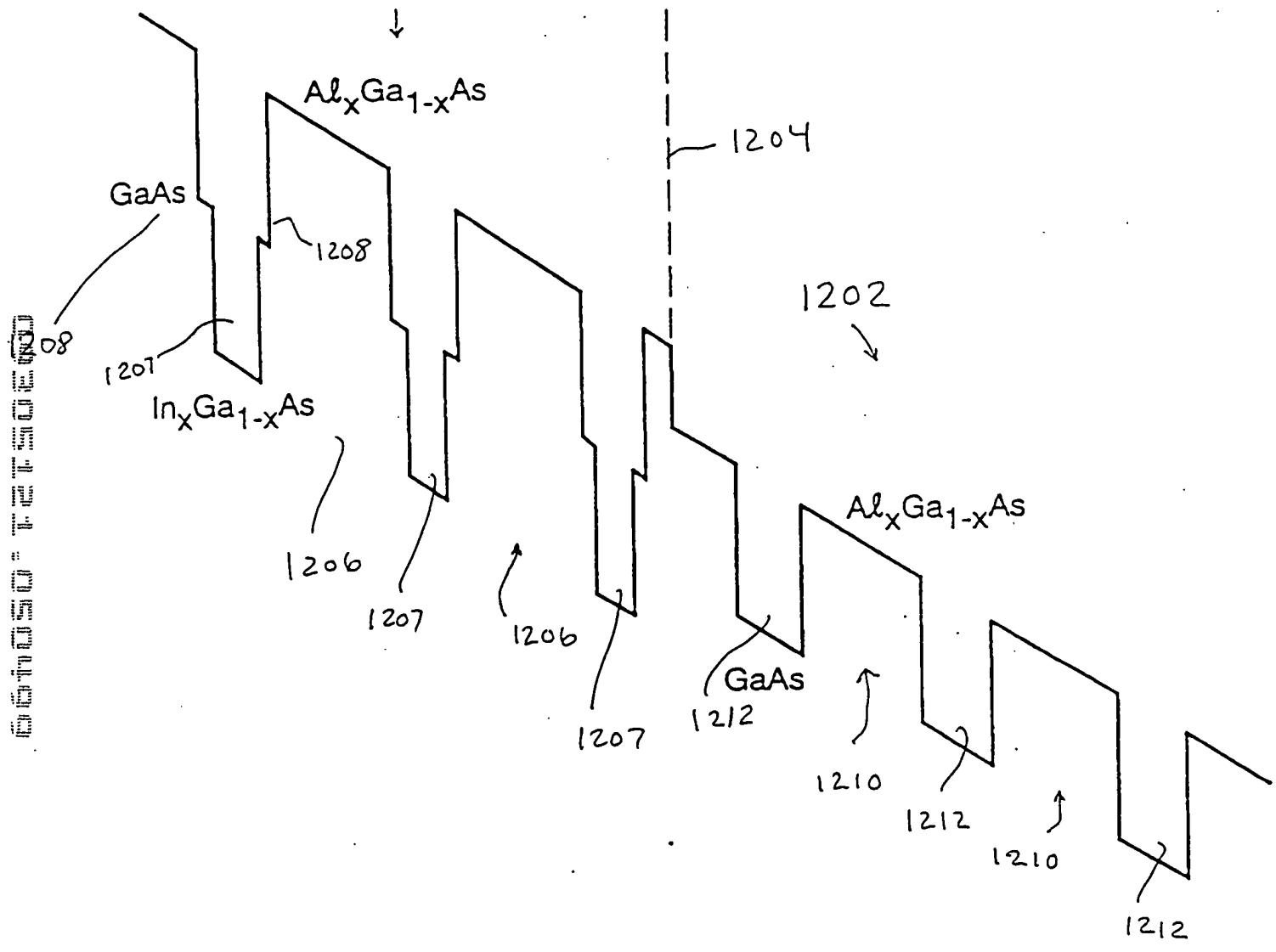


FIG 12

Energy

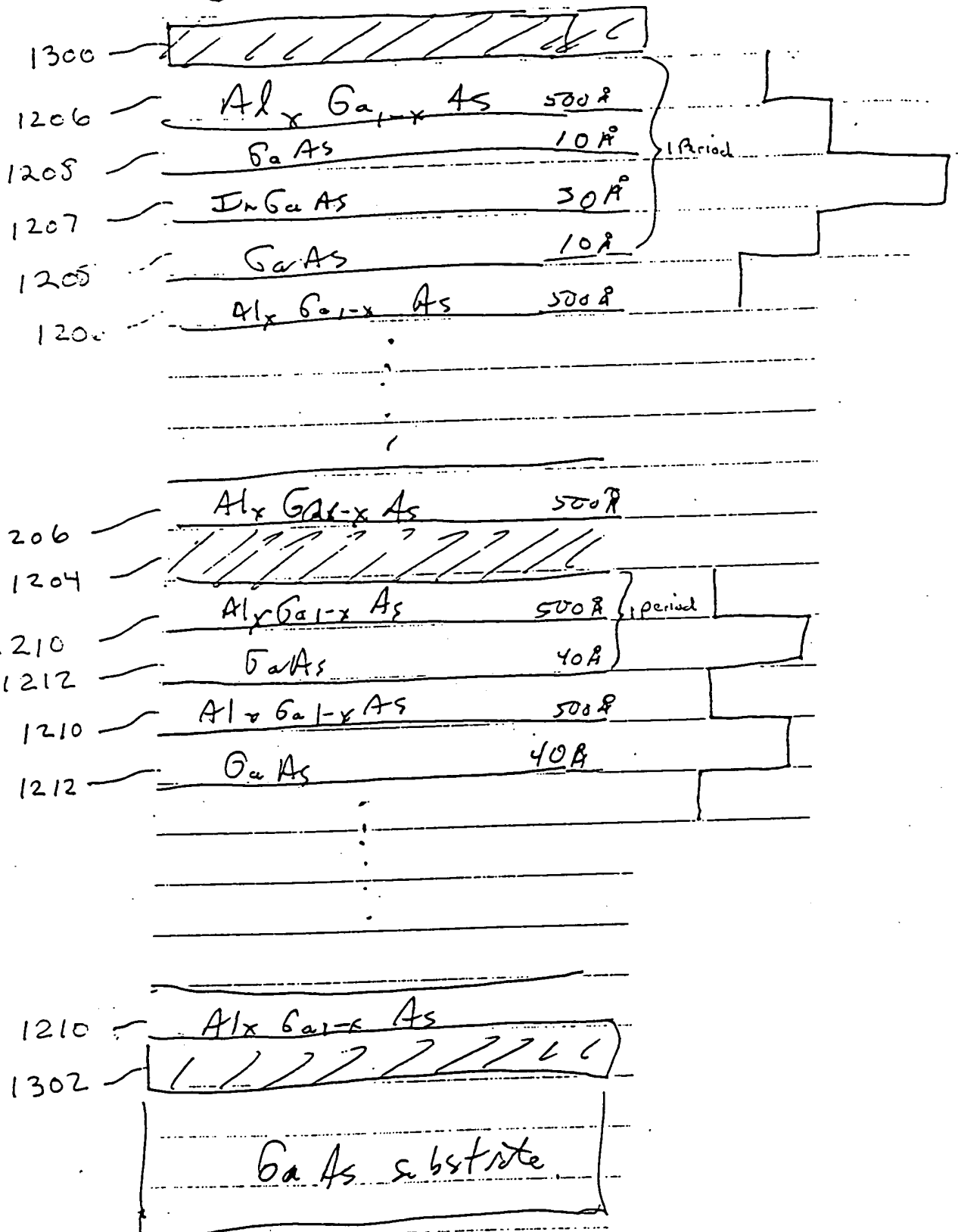


FIG 13

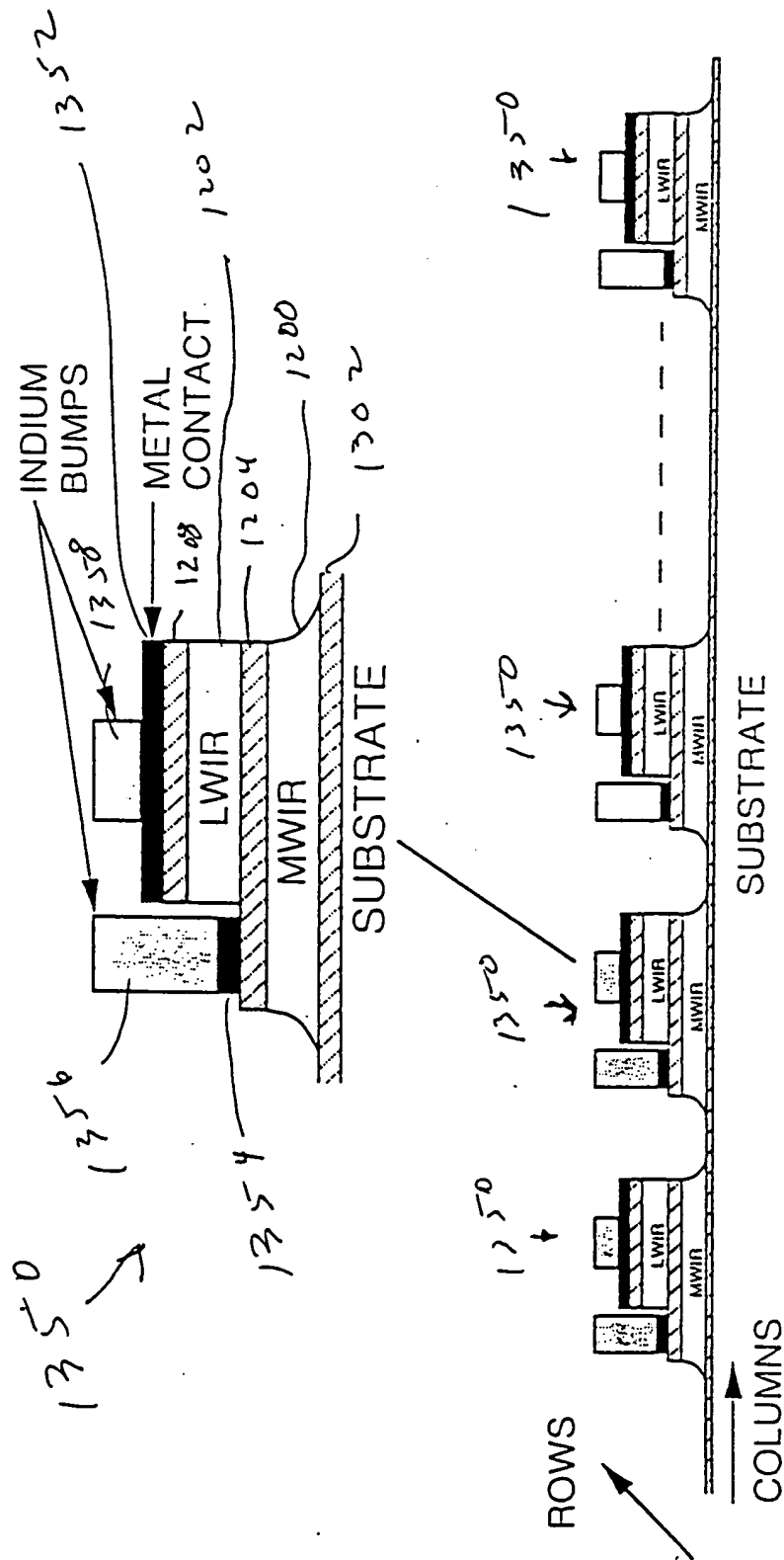
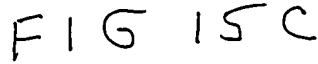
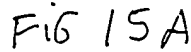


FIG 14

[illegible]

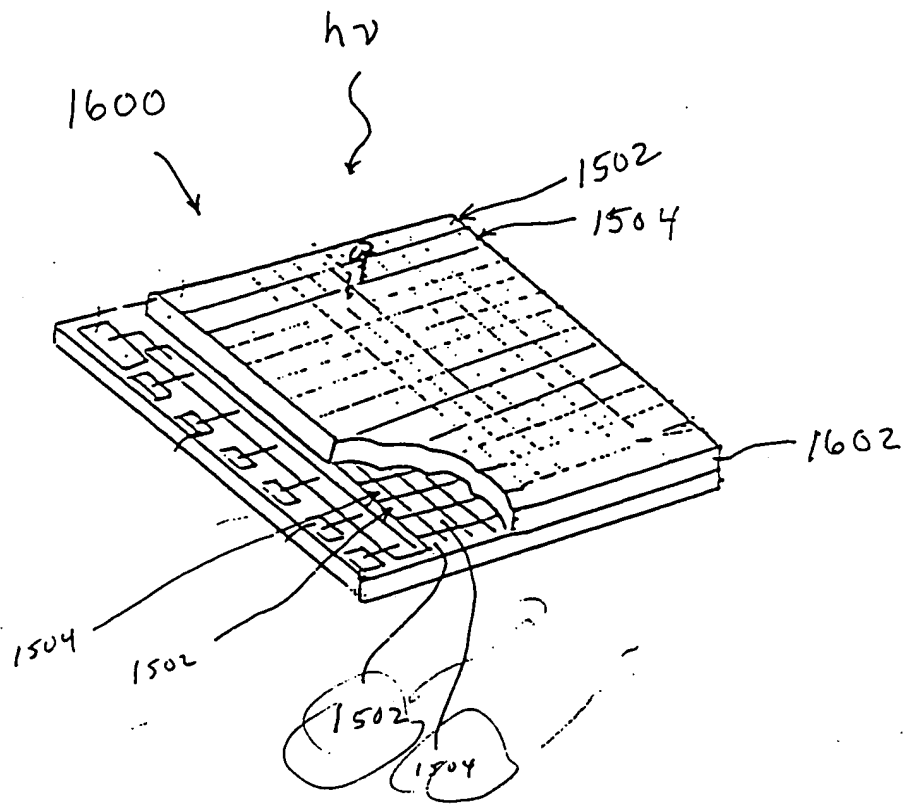
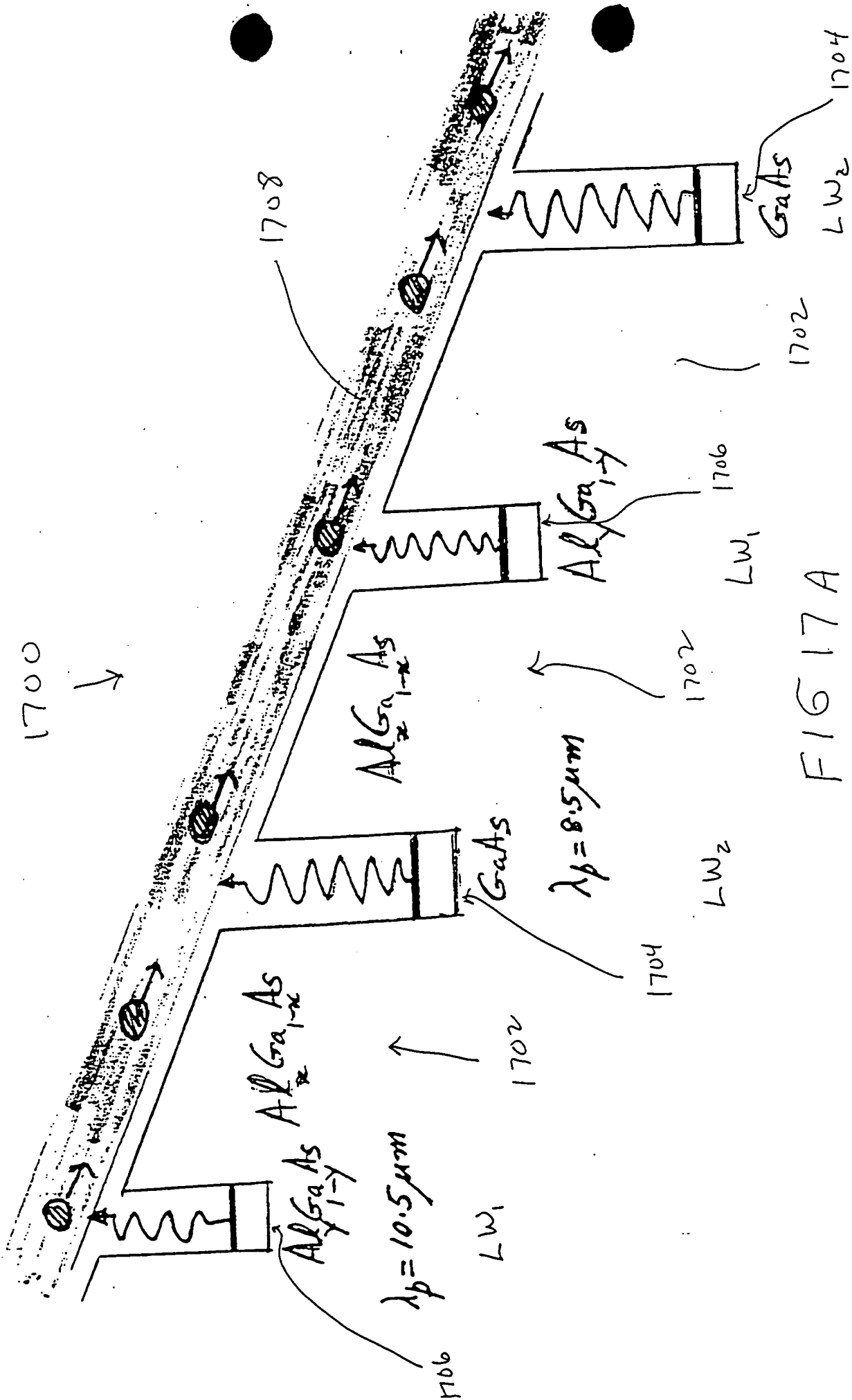


FIG 16



2-D GRATING OPTIMIZATION

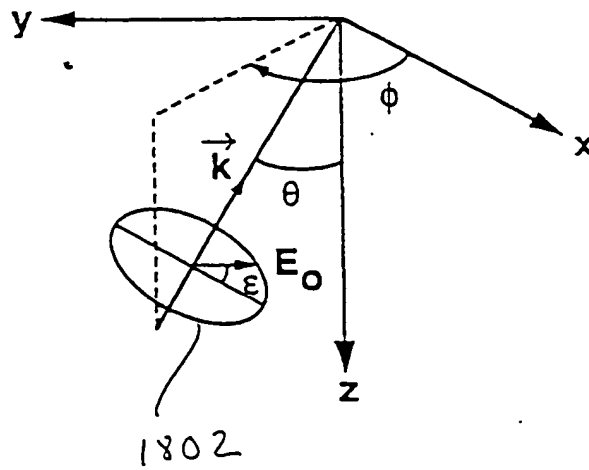
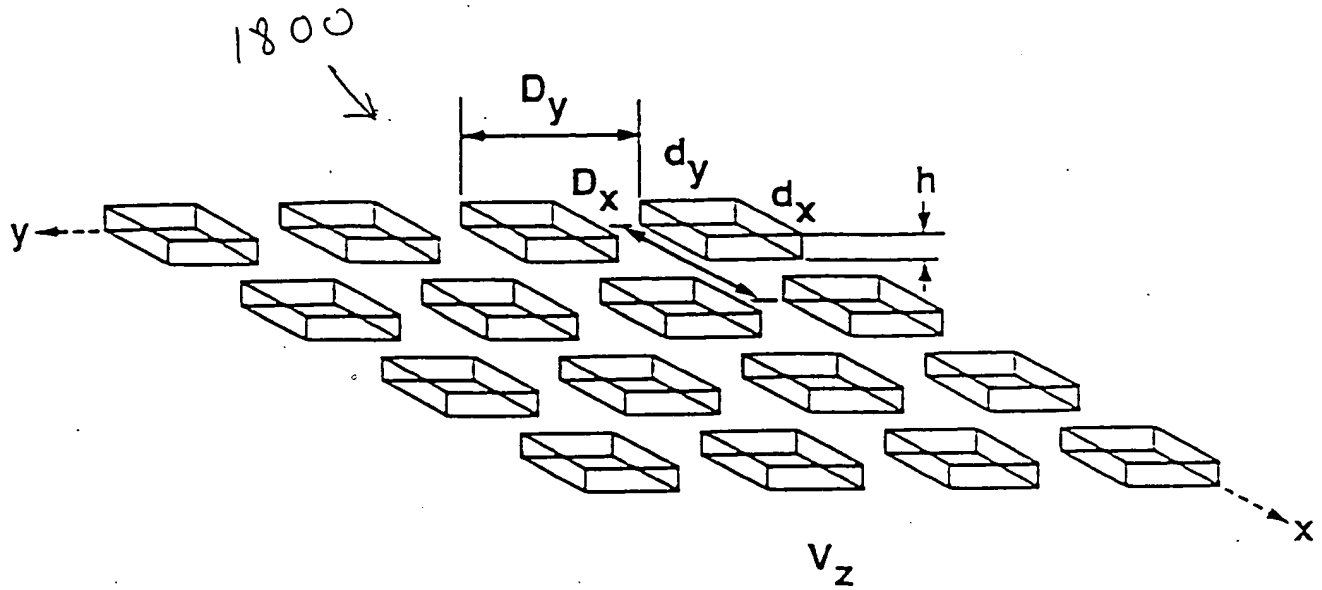


FIG 18

664050-121502.60

[illegible]

→



Focal plane Array.

